



The

GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society
February 2019 <http://www.gars.org/> Volume 28, Issue 2



Congratulations to the winners of the TechFest Raffle and Door Prizes:



Yaesu FT-991A: Norm, WA4ZXV



ICOM ID-51A PLUS2: Amy, KE4IKF



Kenwood TH-D74A: Craig, KN4DLS

Message from the President

I don't remember if Georgia's own weather prognosticator, General Beauregard Lee, saw his shadow on Groundhog Day and what the weather forecast will be for the weeks ahead, but Winter is always fun in Amateur Radio regardless of the weather.

We just finished another very successful TechFest. We got caught up in the planning, preparation, setup and teardown for TechFest and it's easy to forget what it is and why we do it. I remember the first TechFest where I participated as an exhibitor demonstrating Echolink and I thought it was amazing that a club had the idea to feature many different aspects of Amateur Radio as a very different approach to your standard Hamfest. To this day, I don't recall seeing another event like it anywhere.

As a club, it takes a lot of volunteers to make it happen and many members do not get to enjoy going from table to table learning and enjoying the different aspects of Amateur Radio. What I do hear is that those who attend get a lot from TechFest and appreciate what GARS does each year. It was especially encouraging to see the youth of all ages coming with their parents, building kits and seeing schools involved with Amateur Radio. So thanks to all the volunteers who helped put on TechFest this year and the leadership and hours of work by our TechFest Chairman (and GARS Ham of the Year) Neal Gilchrist, W4HNG.

The end of January brought an end to a month-long operating event on the air from the SKCC, the Straight Key Century Club. During the entire month of January each year, you can make CW contacts with K3Y stations across the country. Regardless of your code speed, you can make CW contacts with K3Y stations for the entire month. Our own Paul Kelley, W4KLY, operated as K3Y/4 many times during the month. Making a CW contact with Paul is a real treat. Paul is a fantastic CW operator and can send and receive at very high speed. However, he will be very patient with us slow operators and



"...thanks to all the volunteers who helped put on TechFest this year and the leadership and hours of work by our TechFest Chairman (and GARS Ham of the Year) Neal Gilchrist, W4HNG."

ensure you get the satisfaction of a good contact and exchange. GARS is very fortunate to have some very skilled, yet very patient CW operators who are always willing to help make a contact.

At the next meeting, it will be interesting to hear the stories from those attending Orlando HamCation. I expect to hear about new radio purchases and great finds in the Boneyard. Orlando is always a great Hamfest.

Before you know it, it will be time for our next exciting operating event, the Georgia QSO Party. Our Georgia QSO Party Chairman, Mark Kozma, KD3GC, is hard at work

preparing for the event. As always, we'll need plenty of help setting up antennas and stations, then it's time to operate. This is a fun event to have at the EAA Hangar because the operating hours are split into two parts on Saturday and Sunday and doesn't require an overnight stay to keep operating. Plan to come out and operate voice or CW at one of the stations.

73,

**WB4QDX,
Club
President**

"It is not the class of license the Amateur holds, but the class of the Amateur that holds the license."

[Author Unknown]

GARS February Meeting and Workshop

W1AW Tour

By Paul Kelley, W4KLY

Tuesday, February 12, 2019 7:00 pm

Soldering 101

Tuesday, February 19, 2019 7:00 pm

*GARS Officer Elections will be held at the February meeting;
Although the current Officers have agreed to serve another year, members can
nominate someone else for any of the offices at the meeting before the vote is held.*

Sports Aviation Complex—Hangar 1
690 Airport Road
Lawrenceville, GA 30045
[Directions to EAA Hangar](#)

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GARS Communications

<u>2 Meter Repeaters</u> 147.075(+) MHz Tone 82.5 147.255(+) MHz Tone 107.2	<u>6 Meter Repeater</u> 53.110 (-1 MHz) No Tone (Offline for Maintenance)
<u>1.25 Meter Repeater</u> 224.580(-) MHz Tone 100.0, 1.6 MHz Offset	Other Resources: <u>APRS</u> 144.390 -- 1200 Baud W4GR
<u>70 Cm Repeaters</u> 444.525(+) MHz Tone 82.5 442.100(+) MHz Tone 100 442.325(+) MHz Tone 100	<u>D-STAR</u> WD4STR 145.060 + (1.4 MHz) 440.550 + (5 MHz)

**Don't forget
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back of the
GARzette.**

Snail Mail Address:
GARS
P.O. Box 492531
Lawrenceville, GA 30049

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

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If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The *GARzette* is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: editor@gars.org Bill Eggers—WB2RIS 470-238-9603



GARS Happenings

20 Years ago in the February 1999 GARzette:

- This month's "On The Air" by Karl Phillips, K4GZZ, features Tad Danley, K3TD;
- FCC levies a \$7500 fine on a New Jersey ham for interfering with the operation of a 40 Meter SSB net;
- Drake announces it will end support of most of its older Amateur Radio and marine equipment;
- Joe Biddle, AD4PZ, announces he is stepping down as GARzette editor;
- Lowry, KM4Z, discusses the annual Georgia ARES Meeting;
- Karl, K4GZZ, discusses his visit to Ten-Tec headquarters in Sevierville, TN;
- The FCC shuts down four HF stations transmitting just below the 40 Meter band; two of them are licensed Amateur radio operators, who may lose their license;
- The FCC conducted unannounced Amateur station inspections in North and South Carolina;
- The FCC temporarily rolled back the Extra Class license upgrades for four hams, while irregularities in the Volunteer Examination process are investigated.



You can always browse the GARzette archive at <http://www.gars.org/newsletters>

73, *Bill*, WB2RIS, GARzette Editor

TechFest Exam Results

We had a good exam session at TechFest - 4 out of 11 applicants passed. Our paperwork was delivered on Wednesday morning, 1/30, and I hope it will get processed sometime this week as everyone catches up on their backlogs.

Exam session results:

- 1 new Technician
- 3 upgrades to General

Special thanks to the Volunteer Examiners who made this exam session possible:

Brian, KD4UYP
Nick, AB4CQ
Sid, N4NQ
Richard, KM4SWL
Frank, KV4SP
Don, KK4NJM
Bill, WB4WTN
Bill, WR1TR
Russ, AB4QQ
Dave, K8WDJ
Karen, AB4NW
Andre, W7ALS
Bob, WD4KQQ

Thanks & 73,
Dave Bruse, W4DTR (CVE)
GARS VE Team Leader
Email: exams@gars.org

GARS HELP WANTED

- Winter Field Day (WFD) Chairperson -- a volunteer is needed to organize and coordinate next year's Winter Field Day operating event in January, 2020 and beyond. The chairperson will schedule the facility, recruit station captains and volunteers to organize food and antennas. The outgoing Chairperson (Dave, W4DTR) will train you if needed.
- Elmer Chair—need someone to coordinate matching up Elmers (mentors) with new hams. (Perhaps you had one when you were a new ham?)

Thanks to Mark Kozma, KD3GC, for volunteering to be our GA QSO Party Chair!

Thanks to Nova Whatley, KF4HLG, for volunteering to be our TechFest Food Organizer!

If you're interested in volunteering for one of these positions, please contact one of the GARS Officers. Supporting GARS activities is an important part of what we do and help from club members is needed.

[PS— Articles to publish in the GARzette, either written by GARS members or published elsewhere, are always welcome. —Ed.]

ARRL News

ARRL Board Gives the Go-Ahead to Lifelong Learning Initiative

ARRL is undertaking a new initiative to provide online educational opportunities to a broad range of radio amateurs. The Lifelong Learning Initiative will seek to provide a series of learning tracks that will serve the needs of the various interest groups within the Amateur Radio community.

While designed for everyone with an interest in learning more about Amateur Radio, the Lifelong Learning Initiative will initially focus on creating online learning opportunities for new and newer hams, a segment of the Amateur Radio community desperately searching for educational and instructional resources.

The ARRL Board of Directors set the Lifelong Learning Initiative in motion, endorsing and funding the program and approving the hiring of advertising agency Mintz + Hoke to work with ARRL Lifelong Learning Manager Kris Bickell, K1BIC (pictured right), and other ARRL staffers in building this learning environment. Mintz + Hoke will conduct the research necessary to identify the different educational needs within the broader Amateur Radio community.

“Mintz + Hoke is a really strong partner in this project,” Bickell said, adding that the firm has developed a really deep understanding of the Amateur Radio community as part of the investigation phase of this endeavor.

Bickell noted that youth education will be a critical component of this Learning Initiative, but he also believes that overall opportunities in this area are huge, as many individuals are looking to expand their knowledge of Amateur Radio.

He said that, where appropriate, the content of these learning tracks within the initiative will build upon much of the knowledge base that already exists within ARRL, such as the material in QST and QEX magazines, as well as other ARRL publications and manuals. Some new content will be created as well, to ensure that the information being provided stays fresh and dynamic.

In addition to providing instruction, the Learning Initiative will offer resources that allow individuals to delve further into a subject, rather than just relying on ARRL content.

“We are building a new learning environment,” Bickell said. “It will take a lot of work to put this all together, but we believe that this initiative will firmly establish ARRL as an educational leader in Amateur Radio.” He expects the online Lifelong Learning platform to launch in the fall of 2019.

In conjunction with its support of the Lifelong Learning Initiative, the ARRL Board also endorsed CEO Howard Michel’s HQ reorganization plans, and the purchase of a modern association management software system.

“These are big investments the Board is making in ARRL, and a strong positive vote of confidence that we can deliver,” Michel said. “They are giving us the tools to be successful.”

Source: <http://www.arrl.org/news/arrl-board-gives-the-go-ahead-to-lifelong-learning-initiative>



Make Ham Radio a Habit

By Dan Romanchik, KB6NU

Every week, I get an email newsletter from Penguin Random House called *Signature*. *Signature* includes links to articles about books and writing. Being a writer, I clicked on the link to "5 Good Writing Habits You Need to Learn Now." As I was reading the article, it occurred to me that the advice could also apply to amateur radio.

So, with apologies to the author, Lorraine Berry, here are five things you can do to make ham radio a habit:

1. **To get on the air more, or to do more building, set up a time to do it.** If you enjoy getting on the air or homebrewing, but never seem to be able to find the time to do it, you need to put it on your schedule. Set aside the time a couple of days, or a week, or even a month in advance, and you'll be more likely to do it. If you set up a regular time every week, pretty soon it will be a habit.
2. **If ham radio is important to you, create an environment that encourages you to do ham radio.** To make ham radio a habit, you really need a place that's set up to do ham radio. If you have to dig out and set up your equipment every time that you want to get on the air, you're just not going to do it. You need a "shack" that makes it easier for you to engage in the hobby. Richards, K8JHR, gave me some great advice back in 2012 on where and how to set up a shack (<https://www.kb6nu.com/building-a-new-shack/>).
3. **Create temptations that reward you for your new habit of ham radio.** For me, being able to make interesting contacts, or building some new gizmo, is reward enough, but you may want to reward yourself with a beer or some ice cream after an operating session.
4. **Make it easy to do what you like to do.** This is related to #4. Your shack should have everything you need to easily do whatever ham radio activities you enjoy doing. If you enjoy operating, then it should have a nice operating desk. If you enjoy building, then set it up so that all of your tools are readily accessible. The easier it is to do, the more likely it is that you'll do it. If you enjoy operating portable, then build up a kit that has all the stuff you need, and have it ready to go when you're ready to go.
5. **Start with the Two-Minute Rule for new habits and continue from there.** The "two minute rule" (<https://www.lifehack.org/articles/productivity/how-stop-procrastinating-and-stick-good-habits-using-the-2-minute-rule.html>) is a tool to help you overcome procrastination. The idea is to allot just two minutes to a task that you'd like to complete or a skill that you'd like to develop. It's a small commitment, but enough to get you started, and the idea is that once you're started on a particular task or project, continuing work on that task or project becomes a lot easier. Those two minutes could easily become a half hour or an hour once you've gotten the ball rolling.

Armed with this advice, I'm expecting you to be a more active ham in 2019. I'll be listening for you on 40 m.

=====

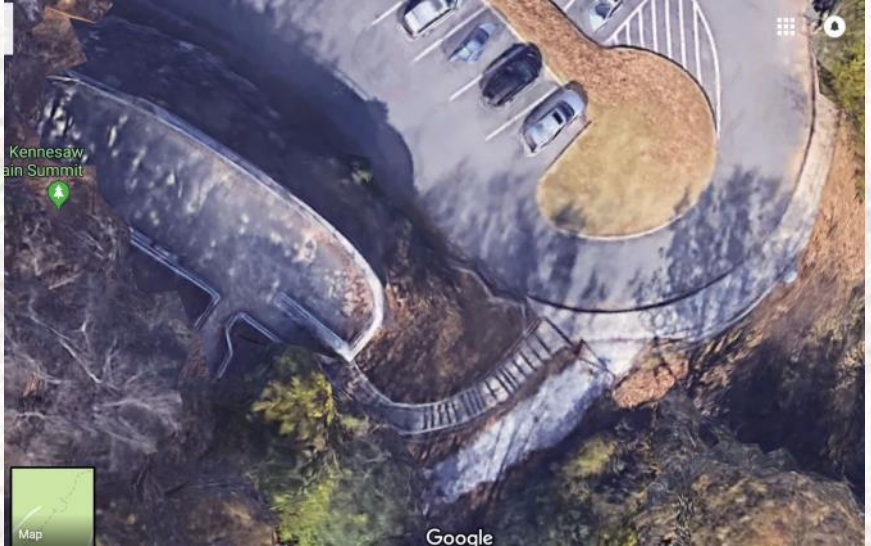
Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (KB6NU.Com/study-guides/), and one of the hosts of the No Nonsense Amateur Radio Podcast (NoNonsenseAmateurRadio.Com). His wife sometimes thinks that amateur radio has become too much of a habit for him.

Source: KB6NU Blog Mailing List

Beginner's Corner

Climb to New Heights with SOTA Part II

Stone Mountain is the nearest SOTA summit. Kennesaw Mountain and Brasstown Bald are also good spots. You can drive to Kennesaw Mountain National Park. (it can also count as a Park on the Air.) Call before you go and let them know you are coming. It is best to go during the week, as you can drive to the summit (not allowed to do so on weekends). There is a small parking lot at the summit. Also, there some benches that may be pressed into action. There are nearby trees which can be used to hang antennas, but the best spot for setting up is up a set of stairs, as show in the aerial photograph. There is a large patio that can be used. See the arrow on the photo. This is the patio. It involves climbing a flight of stairs, but you will have much more room there. You will need to bring your own chair and table, but the fence there might be a good thing to strap antenna poles to. If you are really venturous, you can hike to the tip top of the mountain and set up. I have not been there, but if you are using a handheld, the extra few feet in height might be an advantage. Good luck!



Breaking News: There is now a Parks on the Air program in Canada (<https://cnpota.ca/>). This one is sponsored by the Parks Canada. Heads up. You will need at least a General license to get in on this one. Canada is hard to reach from here, except with the occasional ten-meter opening. This is a good excuse to get your general class license. You can either vacation in a Canadian National Park or be content to be a “chaser” and contact activators from home. If you are considering a vacation in Canada, the author highly recommends Algonquin National Park in Ontario. The weather is cool during the daytime and downright chilly at night, but the scenery is breathtaking! There is much to do there. You may have to squeeze radio in somewhere. If you do go there, a memorable time is guaranteed.

Activators in a Canadian National Park “... must operate independently. Parks Canada cannot provide power sources for their equipment nor be expected to allow them to do any kind of formal interpretation at any of Parks Canada’s Sites.” Bring your battery and solar equipment.

There are many other national parks in Canada, and they are probably equally as beautiful. If you do operate from a national park there, be sure to notify our club reflector.

73 de *David Harden*, KJ4CMY

Gwinnett ARES Highlights

By Karen Whited, AB4NW

Meetings are held the 4th Tuesday at 7:30 pm at the EOC on Hi Hope Road. If you are interested in emergency communications, contact Hall Collier W4IGE at w4ige@arrl.net.

STATE ARES MEETING, January 12
Georgia Public Safety Training Center in Forsyth
ARES groups and hams from all over the state attended the annual meeting for training and organizational updates. This year there were seminars on hurricanes, Winlink, emergency power (taught by Hal Collier), hospital operations (co-taught by Mark Bell), and deployment, as well as discussions on the repeater database and ARES Connect.



Lee Stone KT4LS
(third from right)
was recognized as an outstanding volunteer.



Hal Collier
W4IGE presenting class on emergency power.



General gathering
in the main auditorium of facility.



Mark Bell N7GRB
presenting how to build relationships with hospitals.



Gwinnett ARES
members in front of vintage fire truck.



MEMBER PROFILE: **Steve Back WB2OGY**

Steve lives in Lawrenceville and is originally from Yonkers, NY. He is married to Mary Ann and has four children: Philip, 40, in Vermont; David KJ4GRJ, 38, in Atlanta; Janet, 35, in Roswell; and Ray KI4GRJ who passed away five years ago at age 28.



Steve earned a BEE from Manhattan College, an MSEE from New York University, and an MBA from Fairleigh Dickinson University. Steve works for Viasat Antenna Systems in Duluth as a Business Development Engineer. He previously worked for General Dynamics as a Principal Engineer, for GlobeCom as a Principal Engineer, for Engineering and Technical Services as a Principal Engineer, for Fairchild as a Senior Engineer, for Scientific Atlanta as a Program Manager, for Warner/Amex as a Cable Manager of RF systems, for Cardion Electronics as a Systems Engineer, and for Motorola as a Field Technical Representative.

Steve was first licensed as a Novice (WN2OGY) in 1963 in Yonkers. He became a general at the FCC in NY in 1964, an Advanced in 1968, and Extra in 2000. He has been an ARES and GARS member for 22 years. In Steve's shack are an IC-7410, IC-7200, Icom ID-5100, ID-51A, Yaesu FT-7900, TYT MD-390, and a Baofeng UV-82. Steve enjoys talking to old friends on HF, teaching young people, mixing radio and scouting, club meetings, and public service. He also enjoys camping with the Boy Scouts and runs several scouting web sites.

He is a Senior Life Member of the Institute of Electrical and Electronic Engineers and an ARRL Life member. He became a member of the Yonkers RACES organization in 1964 and has been involved with public service ever since. There is no time for anything else after work, scouts, and radio!



Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only fifteen primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

Norm - WA4ZXV	Kyle - W4KDA	Mitch - N0DIM
Ruth - KM4LAO	Hal - W4IGE	Don - KW4AL
Ray - N4GYN	Sandy - KJ4DRO	John - WB4QDX
Bill - KK4AUA	David - KA4KKF	Kevin - KK4WOG
Chuck - KK4TKJ	Mike - KK4KHS	Donna - KM4FMW

As GARS Net Manager (Chuck KK4TKJ), I really need 26 people to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club.

The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at KK4TKJ@arrl.net. Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

Chuck McCord, KK4TKJ

GARS Net Manager

GARS Membership Page

New GARS Members in January

Tim Johnson (KN4RFP)
Alex Kowalchuk (W4KYW)
Gerald Lamb (WA3HCR)
Benjamin Lloyd (KN4QDO)
Pete Sheldon (KD4AKM)
David Slotter (W3DJS)

New Members: 6

Total Members as of February 1, 2019
305

**Join GARS members for our
weekly breakfast gathering at
7:30 AM most Saturdays**

at

Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043

([Directions](#))

**The following members are
celebrating birthdays
in February:**

HAPPY BIRTHDAY!!
From All of Us at GARS

Marvin Atherton (KG4FHB)
Lauren Atkin
Don Bagby (KK4NJM)
Antoinette Bigam (KK4WOB)
Luis Castellanos (KA3C)
Michael Curtis (KK4WWB)
Juan Manuel Dominguez (N5JMD)
Eddie Foust (WD4JEM)
Sandy Jackson (KJ4DRO)
Stephen Kemp (WB4CVB)
Bruce Lindsey (K0GNB)
Edward Loden (KX4KL)
Philip McCleary (N4LNE)
Carlton McPherson (WA4ZUW)
Aaron Morris (KG4ALB)
Robby Nelson (KK0BSA)
Steven Richardson (N4STR)
George Sensibar (W9RR)
Donald Silva (NX1Q)
Hadassah Silva (KK4TGR)
Arthur Stone (KT4LS)
Michael Swiderski (K4HBI)
Richard Tooke (KB4DL)
Emily Wagner (KN4GZJ)
Sharon Willet (KM4TVU)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please e-mail the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free <http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP
Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ

EXTRA! EXTRA!

Repeater Status

6M	currently down
147.075	Operational in Snellville
147.255	Operational in Snellville
224.580	Operational in Grayson
442.100	Operational at Goshen Springs
442.325	Operational in Buford
444.525	Operational in Snellville

Link remote receivers being added



L&M Mobility

Robert (Mike) Smith
5191 La Paloma Dr.
Lilburn, GA 30047
Phone (404)-509-3104
Smithrm70@hotmail.com

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GARS on Social Media

GARS has moved from Yahoo Groups
to Groups.io!

If you were subscribed to the
Yahoo group, you have been automatically
enrolled in Groups.io!



Join GARS on Groups.io:
<http://gars.org/groups.io>

Vis-



it GARS on Facebook:
<http://gars.org/facebook>








Join GARS on YouTube:
<http://gars.org/youtube>















Follow GARS on Twitter:
<http://gars.org/twitter>

G A R S Volunteers





OFFICERS

John Davis, President	WB4QDX	
Sandy Jackson, Vice President	KJ4DRO	
Joe Biddle, Secretary	AD4PZ	
Pam Meridy, Treasurer	WB1AKQ	
Randy Collins, Program Manager	N4COR	

COMMITTEE CHAIRS

Karen Albritton, Membership Chair and Public Information Officer	KI4HPP	
Dave Bruse, VE Team & Workshop Leader and Winter Field Day Chair	W4DTR	
David Adcock, Webmaster and Field Day Chair	KA4KKF	
Ralph Pickwick, Apparel Manager and Education Chair	KJ4CNC	
Neal Gilchrist, TechFest Chair	W4HNG	
Bill Eggers, GARzette Editor	WB2RIS	
Eddie Foust, Repeater Chair	WD4JEM	
Mike Weathers, WAS-Checker and Historian	ND4V	
Chuck McCord, Net Manager	KK4TKJ	
Mike Swiderski, Technical / RFI Advisor	K4HBI	
Mark Kozma, GA QSO Party Chair	KD3GC	
Kyle Albritton, Multimedia Chair	W4KDA	

DIRECTORS AND TRUSTEES

Kyle Albritton	W4KDA	
Mike Weathers	ND4V	
Rick Cobb	N4XYY	
Bill Cherepy, W4GR Trustee	WB4WTN	

GARS MEETING MINUTES

Gwinnett Amateur Radio Society – GENERAL Meeting Minutes 1/08/2019

President John Davis (WB4QDX) opened the meeting at 7:00pm and Closed the meeting at 8:40pm
EAA Facility, 690 Hanger Rd. Lawrenceville, GA.

Introductions and Visitors: Visitors were recognized and full Introductions of the [66] attendees followed.

Treasurer: Pam Meridy (WB1AKQ) Gave the Club financial report.

Membership Report: Karen Albritton (KI4HPP) that Membership is at [310].

Program Chair: Randy Collins (N4COR)

Upcoming Programs:

- February 2019 – W1AW Presentation by Paul Kelly
- March TBD

GARS Education: Ralph (KJ4CNC) HamCram coming up in March for General Class. Watch GARS for this announcement for the date and time.

GARS TechFest: Neil (W4HNG) reports a full bank of forums is scheduled and a full floor of presentations are booked.

GARS Workshop Program: Dave (W4DTR)

- Next week - Log Book of the World (Tips, Tricks and Traps) by Mike (ND4V)
- February - TBD

Annual Officer Elections – John (WB4QDX) announced this activity and to submit any nominations desiring to serve in a position on the board of officers. **Note: The current board team has all agreed to stay on for another year. Elections to be held at the February 2019 Meeting.**

GA QSO Party: Mark Kozma (KD3GC) The GQP event will be held in the 690 EAA Hanger on **April 13th and 14th**. Mark (Kos) will be looking for volunteers.

Fundraising:

- **Dog Show - David (KA4KKF)** Announces that **March 28th - 31st** at Lawrenceville Fairgrounds is one of our fundraising activities called the '**Dog Show**'. Look for a Volunteer sign up sheet on the GARS website.
- **Lawrenceville HamFest - Mike (KK4KHS)** recognized the volunteers for the Annual Stone Mountain Ham Fest as Committee and Grounds volunteers. Mike also presented to GARS as contribution of **\$3,500** for our efforts.

BREAK:

Program: Navigation by Radio by Jere Sandidge (K4FUM)

Submitted by: **Joe Biddle (AD4PZ)** GARS Secretary

ARRL CONTESTING INFO

From ARRL Contest Calendar

> For more information click the links <

February 2019

- 11-15 [School Club Roundup](#)
16-17 [International DX – CW](#)

March 2019

- 2-3 [International DX– Phone](#)

April 2019

- 14 [Rookie Roundup – Phone](#)

June 2019

- 8-10 [June VHF](#)
15 [Kid's Day](#)
22-23 [Field Day](#)

July 2019

- 13-14 [IARU HF World Championship](#)

August 2019

- 3-4 [222 MHz and Up Distance Contest](#)
17-18 [10 GHz & Up – Round 1](#)
18 [Rookie Roundup – RTTY](#)

September 2019

- 14-16 [September VHF](#)
21-22 [10 GHz & Up - Round 2](#)
21-22 [EME - 2.3 GHz & Up](#)

October 2019

- 19-20 [EME - 50 to 1296 MHz](#)
21-25 [School Club Roundup](#)

November 2019

- 2-4 [Nov. Sweepstakes - CW](#)
16-17 [EME - 50 to 1296 MHz](#)
16-18 [Nov. Sweepstakes - Phone](#)

December 2019

- 6-8 [160 Meter](#)
14-15 [10 Meter](#)
15 [Rookie Roundup–CW](#)

January 2020

- 1 [Straight Key Night](#)
4 [Kid's Day](#)
4-5 [RTTY Roundup](#)
18-20 [January VHF Sweepstakes](#)

For more information:

<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

02/02/2019 | [South Carolina State Convention \(Charleston Hamfest\)](#)

Location: North Charleston, SC

Type: ARRL Convention

Sponsor: Charleston Amateur Radio Society

Website: <http://wa4usn.org>

02/08/2019 | [Southeastern Division Convention \(Orlando HamCation\)](#)

Location: Orlando, FL

Type: ARRL Convention

Sponsor: Orlando Amateur Radio Club

Website: <http://www.hamcation.com>

02/23/2019 | [Dalton Hamfest](#)

Location: Dalton, GA

Type: ARRL Hamfest

Sponsor: Dalton Amateur Radio Club

Website: <http://www.w4drc.com>

03/01/2019 | [Alabama Section Convention \(BirminghamHamfest\)](#)

Location: Trussville, AL

Type: ARRL Convention

Sponsor: Birmingham Amateur Radio Club

Website: <http://birminghamhamfest.org>

03/08/2019 | [North Carolina Section Convention \(Charlotte Hamfest\)](#)

Location: Concord, NC

Type: ARRL Convention

Sponsor: Mecklenburg Amateur Radio Society

Website: <http://charlottehamfest.org>

03/30/2019 | [Tennessee Section Convention \(Sevier County Hamfest\)](#)

Location: Sevierville, TN

Type: ARRL Convention

Sponsor: Sevier County Amateur Radio Society

Website: <http://seviercountyars.org/>

For more information: <http://www.arrl.org/hamfests-and-conventions-calendar>

When searching by division, remember some states adjacent to GA are in different divisions:

Southeastern: GA, AL, FL Delta: TN Roanoke: NC, SC

GARS Events Calendar for 2019		GARS Recurring Calendar
TechFest (www.techfest.info)	January 26	<ul style="list-style-type: none">♦ 2nd Tuesday of the month at 7 pm (except December): Monthly Club Meeting♦ 3rd Tuesday of the month at 7 pm (except December): Monthly Workshop♦ 2nd Sunday of the Month at 2 pm: GARS Ham Exam Session Fire Station #24 2735 Mall of Georgia Blvd Buford, GA 30519♦ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net on the GARS 147.075 MHz repeater♦ Every Monday at 8:30 pm: ARES Training on the GARS 147.075 MHz repeater♦ Most Saturdays at 7:30 am: GARS Weekly Breakfast Golden Corral Restaurant 2155 Riverside Parkway, Lawrenceville, GA 30043
Winter Field Day	(same day as TechFest, not scheduled for 2019)	
General HamCram	March 16 & 23	
Dog Show Fundraiser	March 28 - 31	
Georgia QSO Party	April 13 & 14	
North metro area Fox Hunt	April	
May Madness	May	
Memorial Day Parade	May 27	
ARC/KARC Hamfest	June 1	
Field Day	June 22 & 23	
Tech HamCram	July	
JOTA	October	
Maker Faire	October	
Stone Mt. Hamfest	November 2 & 3	
Holiday Party	December	
February 2019 GARS Speaker: W1AW Tour by Paul Kelley, W4KLY		

GARS CALENDAR OF EVENTS FOR FEBRUARY 2019

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
January 27	January 28 7:30 - 8:00 pm GARS 2m Net	January 29	January 30	January 31	1	2 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
3 Note: Special Time for Testing Session (See Below)	4 7:30 - 8:00 pm GARS 2m Net	5	6	7	8	9 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
10 GARS VE Team Testing Session Starts at 4:00 pm Gwinnett Co. Fire Station #24	11 7:30 - 8:00 pm GARS 2m Net	12 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Meeting	13	14	15	16 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
17 Testing Session back to 2:00 PM next month (See Above)	18 7:30 - 8:00 pm GARS 2m Net	19 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Workshop	20	21	22	23 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
24	25 7:30 - 8:00 pm GARS 2m Net	26	27	28	March 1	March 2 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive

Metro Testing Sessions	Ham Exam Results	Metro Club Meetings
<p><i>GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at http://www.arrl-ga.org.</i></p> <p>First Sunday, ODD Months 2 pm (Jan, Mar, May, Jul, Sep, & Nov) VEC: WCARS Braselton Public Utility Building 4986 Highway 53, Braselton, GA Contact: Roger Gibson, WB4T (770) 271-4210 or (770) 712-9560 w4rlg@bellsouth.net</p> <p>First Sunday, EVEN Months 2 pm (Feb, Apr, Jun, Aug, Oct, Dec) VEC: WCARS Hall County EOC 470 Crescent Dr. Gainesville, Ga. Contact: Perry Roper, KO4RD (770) 536-3056</p> <p>Second Saturday 10:00 AM Alpharetta North Park, Adult Activities Center 13450 Cogburn Rd, Alpharetta, GA 30004 Contact: Ian Kahn, KM4IK E-mail: km4ik.ian@gmail.com</p> <p>Third Saturday, ODD Months VEC: ARRL 9:30 am (Appointments required, no walk-ins) Stone Mountain Masonic Lodge 840 VFW Drive Stone Mountain, GA 30083 Contact: Frank Haynes, KV4SP Email: fhaynes@vatmom.net (678) 467-3712</p> <p>Second Sunday VEC: W5YI 2 pm Fire Station #24 Mall of Georgia Boulevard Buford, GA 30519 Contact: Dave Bruse, W4DTR E-mail: exams@gars.org</p> <p>First Sunday, EVEN Months VEC: WCARS and W5YI 2 pm @ Barrow Co. Emerg. Serv. Bldg 66 McElroy Street Winder, GA 30680 Contact: Mike Wolcott, W4WYI (404) 281-6581 E-mail: W4WYI@ARRL.net</p> <p>(cont. next column)</p>	<p>January Results</p> <p>We had a very successful exam session Sunday, 1/13/2019. There were a total of six applicants:</p> <ul style="list-style-type: none"> • 4 new Technician • 1 new Extra • 1 Upgrade to Extra • 1 just barely failed but he will be back next time. <p>The following members of the VE team made this session a success:</p> <ul style="list-style-type: none"> • Pam Meridy, WB1AKQ • Robert Hoffmann, K4CQO • Don Bagby, KK4NJM, Co-CVE • Bill Cherepy, WB4WTN • Dave Bruse, W4DTR, CVE • Richard Kitz, KM4SWL • Frank Haynes, KV4SP • Yolanda Pence, KM4AAQ • Robert Pence, KM4AAP • Chuck McCord, KK4TKJ, Co-CVE <p>73, <i>Sid</i>, N4NQ (Co-CVE)</p> <p>GARS VE Team Leaders E-mail: exams@gars.org</p> <p>GARS VE Website: http://gars.org/exams</p> <p>Fourth Tuesday ARRL VEC 7 pm @ United Way Service Center 6279 Fairburn Rd., Douglasville Contact: Jessie Clower, KB4WFK (770) 942-6466</p> <p>Fourth Sunday 2:30 pm Georgia Tech VanLeer Elec. Building Rm. W218, 777 Atlantic Dr. For more information go to www.w4aql.com and click on "Test Sessions"</p>	<p>First Tuesday Kennehoochee ARC Downtown Marietta Fire Station #1, Training Room 112 Haynes Street Marietta, Georgia 30060 Meeting begins at 7:00pm Talk In 146.880(-)</p> <p>First Thursday Atlanta Radio Club Georgia Red Cross HQ 1955 Monroe Dr., Atlanta Meeting is at 7:30pm Talk In -146.820(-)</p> <p>N.E. Georgia ARC Commerce Public Library 1344 South Broad Street, Commerce Meeting is at 6:30pm Talk In - 147.225(+), PL 123.0</p> <p>Second Monday Georgia Tech ARC Room W218 Van Leer Electrical Engineering Bldg. Georgia Tech Campus Meeting at 7:00pm</p> <p>Second Thursday Alford Memorial Radio Club Annistown Road Baptist Church Annistown Rd & Spain Rd Stone Mountain Dinner at 6:00pm, Meeting at 7:30pm Talk In - 146.760(-)</p> <p>Second Saturday North GA QRP Club Board Room of The Shepherd Center 2020 Peachtree Rd, NW, Atlanta at 10:00 AM</p> <p>Third Tuesday North Fulton Amateur Radio League Alpharetta Recreation & Parks Dept Alpharetta Adult Activity Center 13450 Cogburn Road Alpharetta, GA 30004 meeting at 7:30pm Talk In - 145.47(-)</p> <p>For more information, go to: http://www.gars.org/</p>

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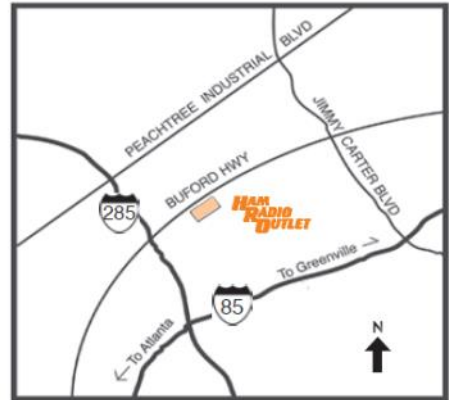


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